

Sustainable Groundwater Management Act (SGMA) Update



August 15, 2017 – Item 4

Department of Water Resources

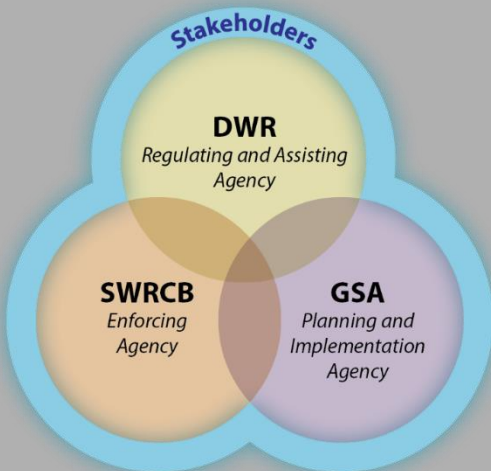
SGMA Overview

Local Control



“A central feature of these bills is the recognition that groundwater management in California is best accomplished locally.”

Governor Jerry Brown, September 2014



Sustainability

Avoid Six Undesirable Results



Lowering
GW Levels



Reduction
of Storage



Seawater
Intrusion



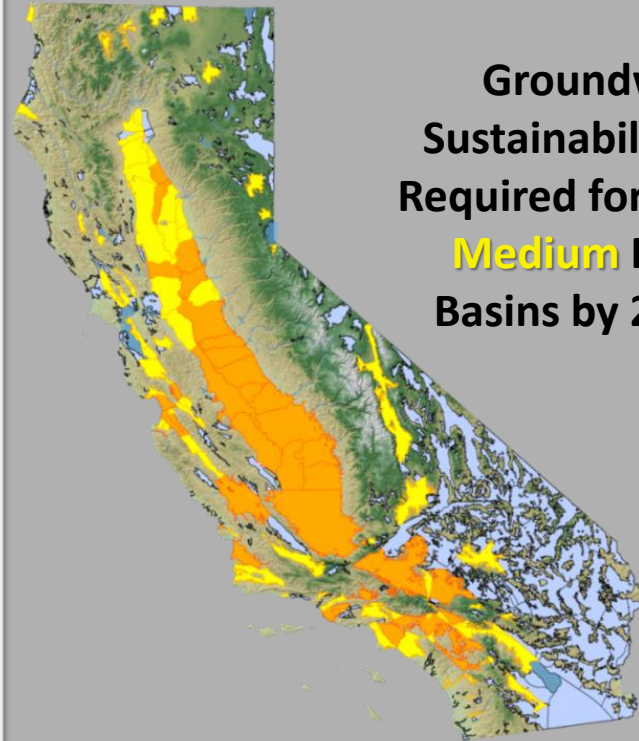
Degraded
Quality



Land
Subsidence



Surface Water
Depletion



**Groundwater
Sustainability Plans
Required for High and
Medium Priority
Basins by 2020/22**

SGMA Due Dates and Achievements

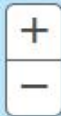
2015 and 2016

- ✓ **Initial Basin Prioritization: §10723.4**
 - Completed by January 31, 2015
- ✓ **Regulations for Modifying Groundwater Basin Boundaries: §10722.2**
 - Completed by January 1, 2016
- ✓ **Identification of Critically Overdrafted Basins: §12924**
 - Completed January 2016, Updated October 2016
- ✓ **Groundwater Sustainability Plan and Alternatives Regulations: §10733.2**
 - Completed May 18, 2016
- ✓ **Modifying Basin Boundaries (Round 1)**
 - Completed October 11, 2016
- ✓ **Water Available for Replenishment: §10729(c)**
 - Completed in January, 2017

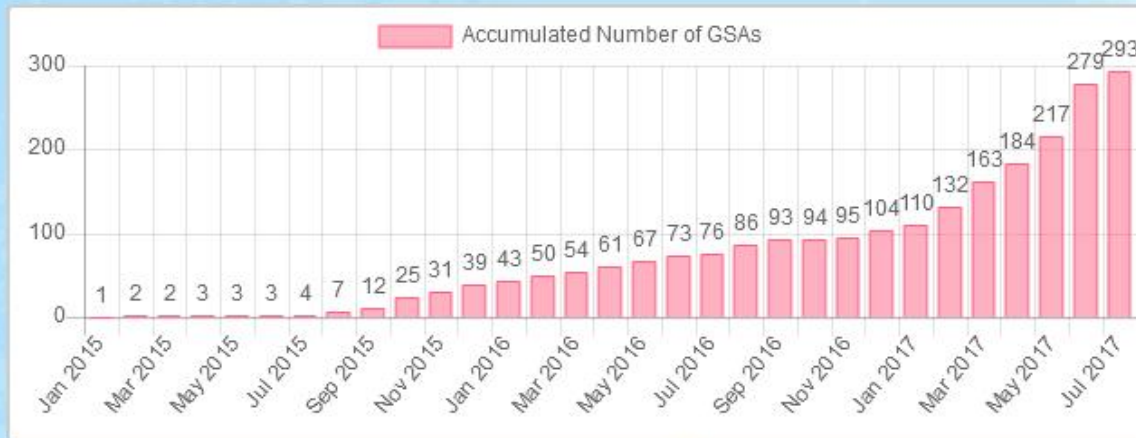
2017 and 2018

- ✓ **Bulletin 118: §12924**
 - Interim Update due January 2017;
 - Comprehensive Update due 2020
- ✓ **Best Management Practices: §10729(d)**
 - Completed by January 1, 2017
- ☐ **Revised Basin Prioritization**
 - Fall 2017 (Tentative)
- ☐ **Alternatives Reviews**
 - Begins January 1, 2017
- ✓ **Groundwater Sustainability Agency Formation: §10723**
 - Due by June 30, 2017
- ☐ **Prop 1 – SGM Grant Program (Round 2)**
 - Late summer 2017 (Tentative)
- ☐ **Modifying Basin Boundaries (Round 2)**
 - 2018 (Tentative)

GSA Formation Summary



GSA Formations



GSA Formations as of July 2017



2015 Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2017 Feb Mar Apr May Jun Jul



DWR | U.S. Bureau of Reclamation, California Department of Conservation, California

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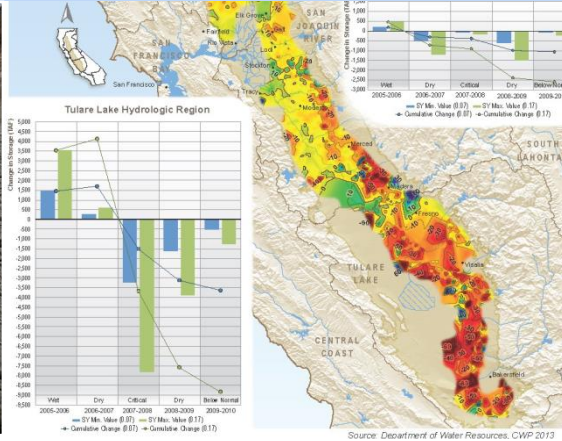
Alternatives Submitted by January 1, 2017



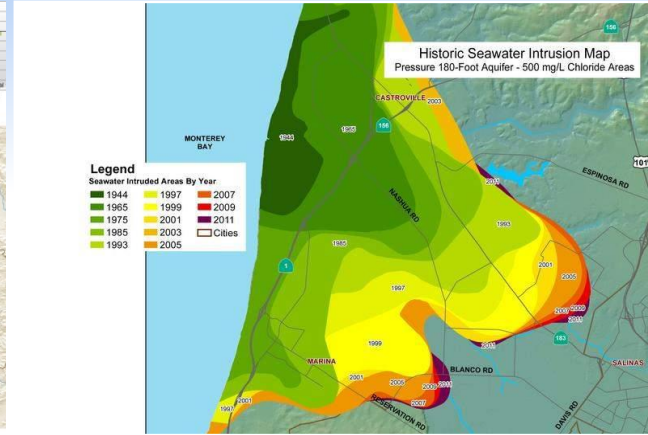
Achieving Sustainable Yield and Avoidance of Undesirable Results



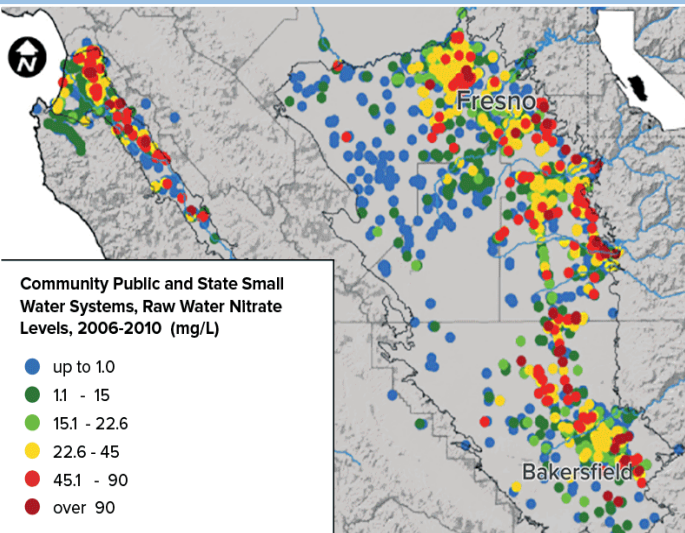
Lowering of GW Levels



**Reduction
of GW Storage**



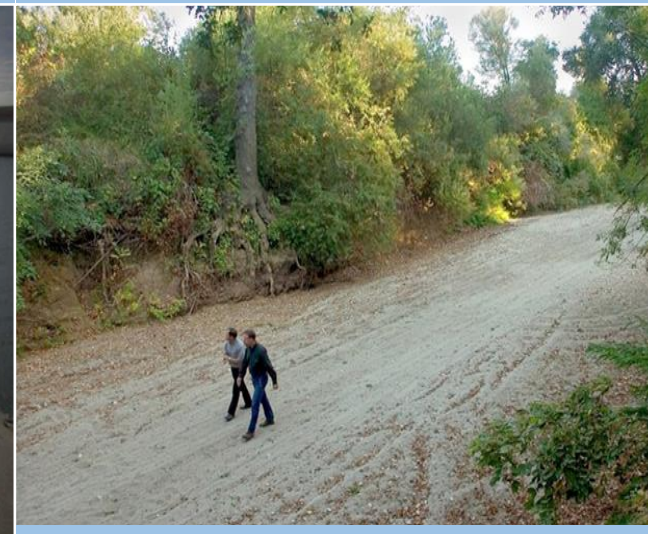
Seawater Intrusion



Water Quality Degradation



Land Subsidence



**Depletion of
Interconnected Streams**

DWR SGMA Assistance

“A central feature of SGMA is the recognition that groundwater management in California is best accomplished locally.”

Governor Jerry Brown, September 2014



Financial Assistance

- Prop 1

Planning Assistance

*- Facilitation
- GSA Support*

Technical Assistance

*- Statewide Datasets, Analysis, and Tools
- Best Management Practices
- Water Available for Replenishment Report*

Engagement and Advisory Role

**DWR
Evaluation of
GSPs**

**Sustainable
Groundwater
Management**

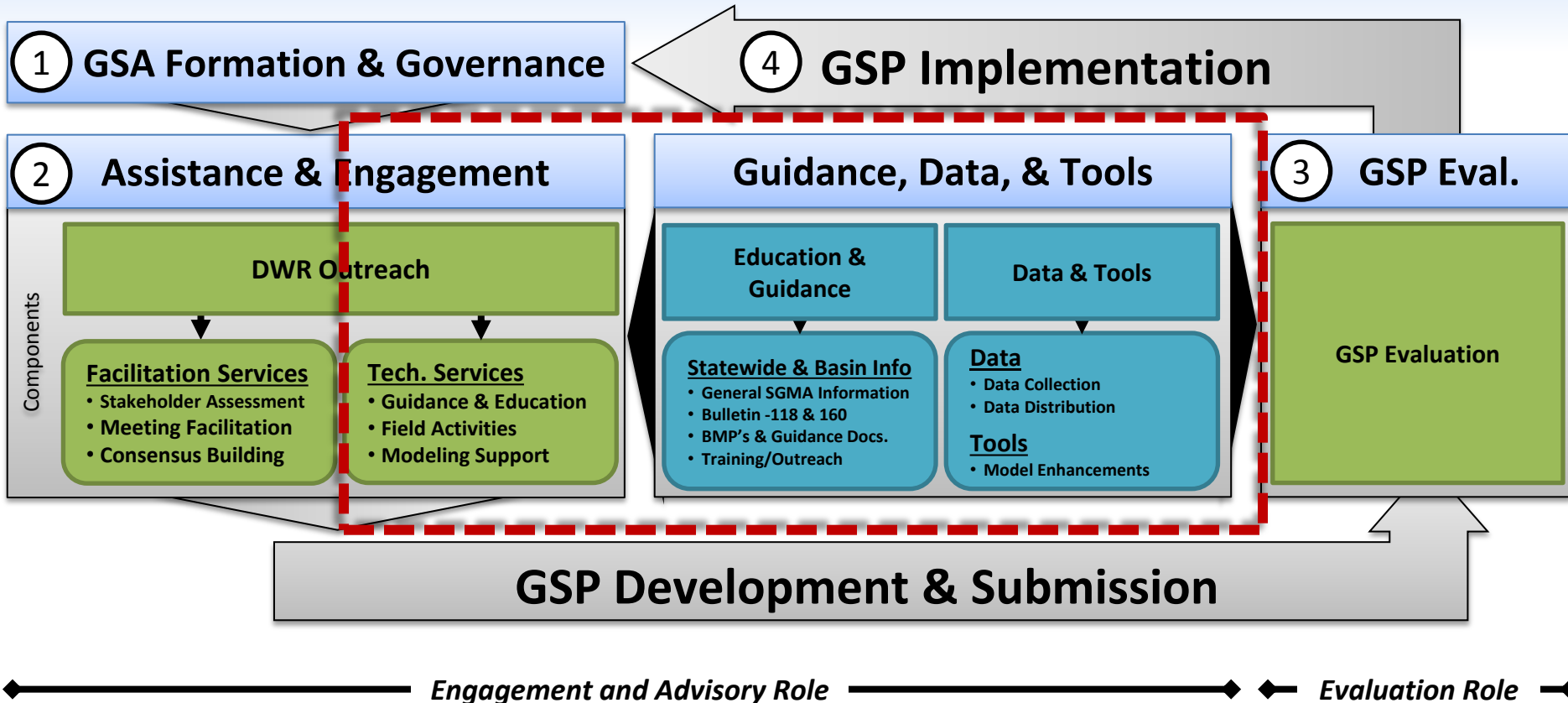
Regulatory Role

Financial Assistance

Sustainable Groundwater Planning Grant Program – Future Solicitation

- CHAPTER 10 GROUNDWATER SUSTAINABILITY
 - \$100M for projects that develop and implement groundwater plans and projects in accordance with groundwater planning requirements in Water Code §10000
 - 10% allocated to projects serving SDAC
 - Competitive groundwater planning grant program
 - 50% cost share requirement
 - Waive/reduce for projects that directly benefit DAC or EDA
- Round 2 - Total funding currently available (\$86.3M)
 - Planning & Development of Groundwater Sustainability Plans/Projects (\$76.3M)
 - Examples: Planning and development, monitoring wells, data management, modeling, etc.
 - Projects serving Severely Disadvantaged Communities – 60% of MHI (\$10M)
 - Anticipated release of Final PSP – Late Summer 2017

Technical and Planning Assistance



Planning Assistance

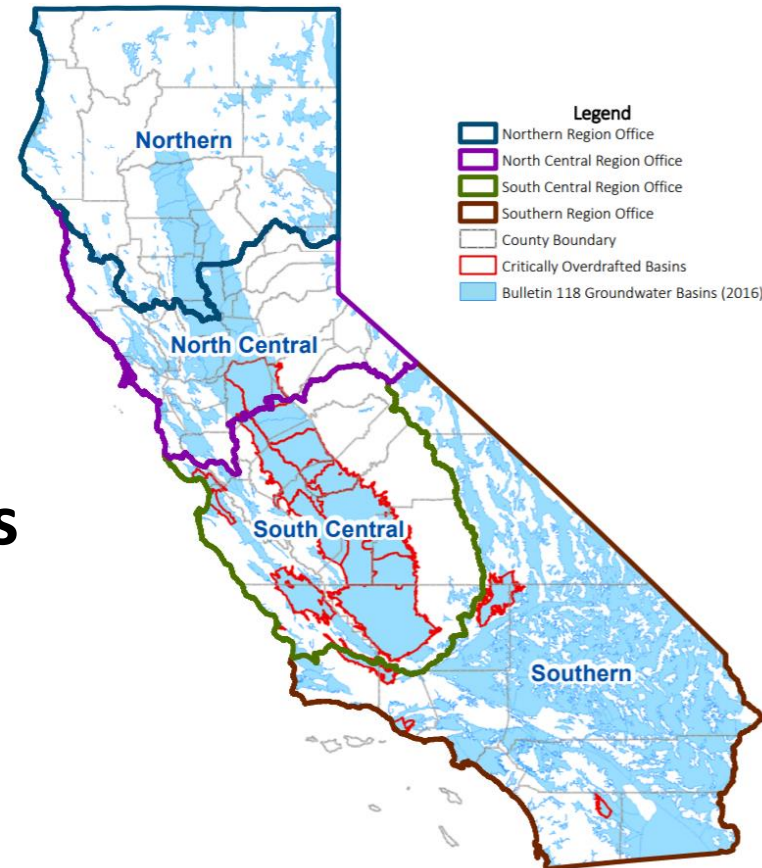
Facilitation Support Services (FSS)

Services Offered through DWR Funded Professional Facilitators

- Stakeholder identification and engagement
- Meeting facilitation
- Interest-based negotiation/consensus building
- Public outreach facilitation

Engagement – Development of GSPs

- DWR regional office point of contacts by basin
- Basin specific meetings



Technical Assistance - Best Management Practices

- Role of BMPs to provide clarification, technical assistance, and examples to help GSAs develop elements of GSPs
- BMPs (*technical assistance*) vs. GSP Regulations (*requirements*)



Best Management Practices

- BMP 1: Monitoring Protocols, Standards, Sites
- BMP 2: Monitoring Networks and Identification of Data Gaps
- BMP 3: Hydrologic Conceptual Model
- BMP 4: Water Budget
- BMP 5: Modeling

Guidance Documents

- Preparation Checklist for GSP submittal
- GSP Annotated Outline
- Engagement with Tribal Governments
- Stakeholder Comm. & Engagement

Future BMP

- Sustainable Management Criteria

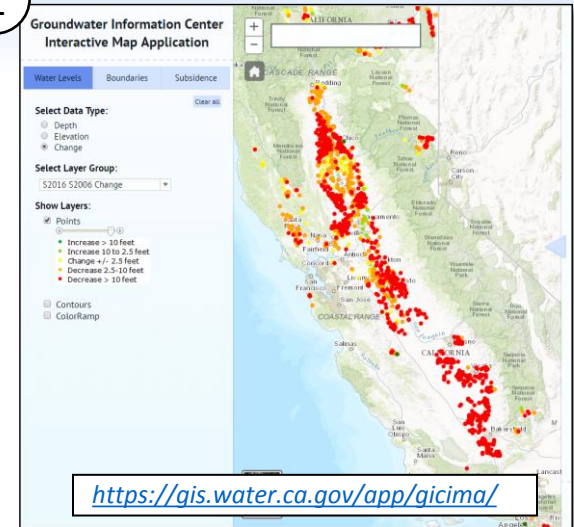
Technical Assistance - Existing Data & Tools

Tools - Interactive Maps

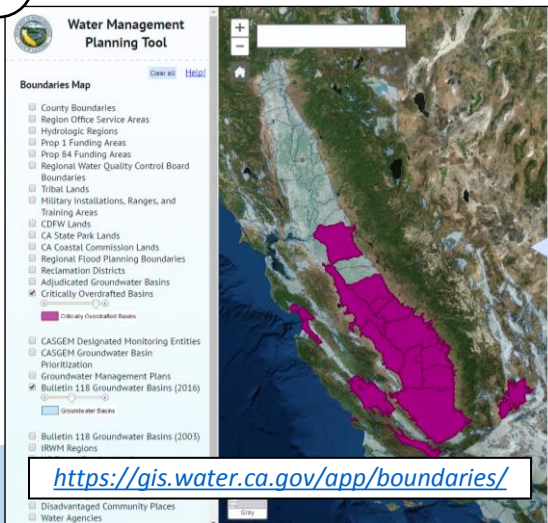
1. Groundwater Information Center
2. Water Management Planning Tool
3. Disadvantaged Communities Tool
4. Basin Boundary Tool

➤ More Tools will be added soon

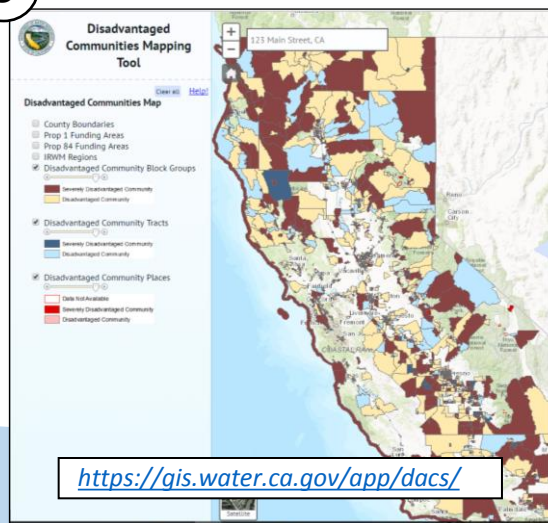
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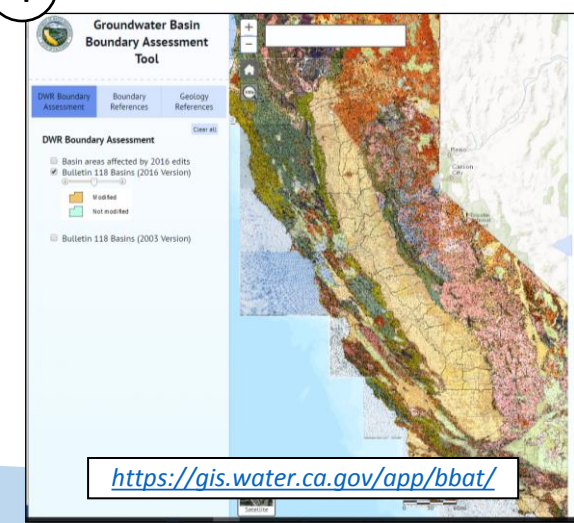
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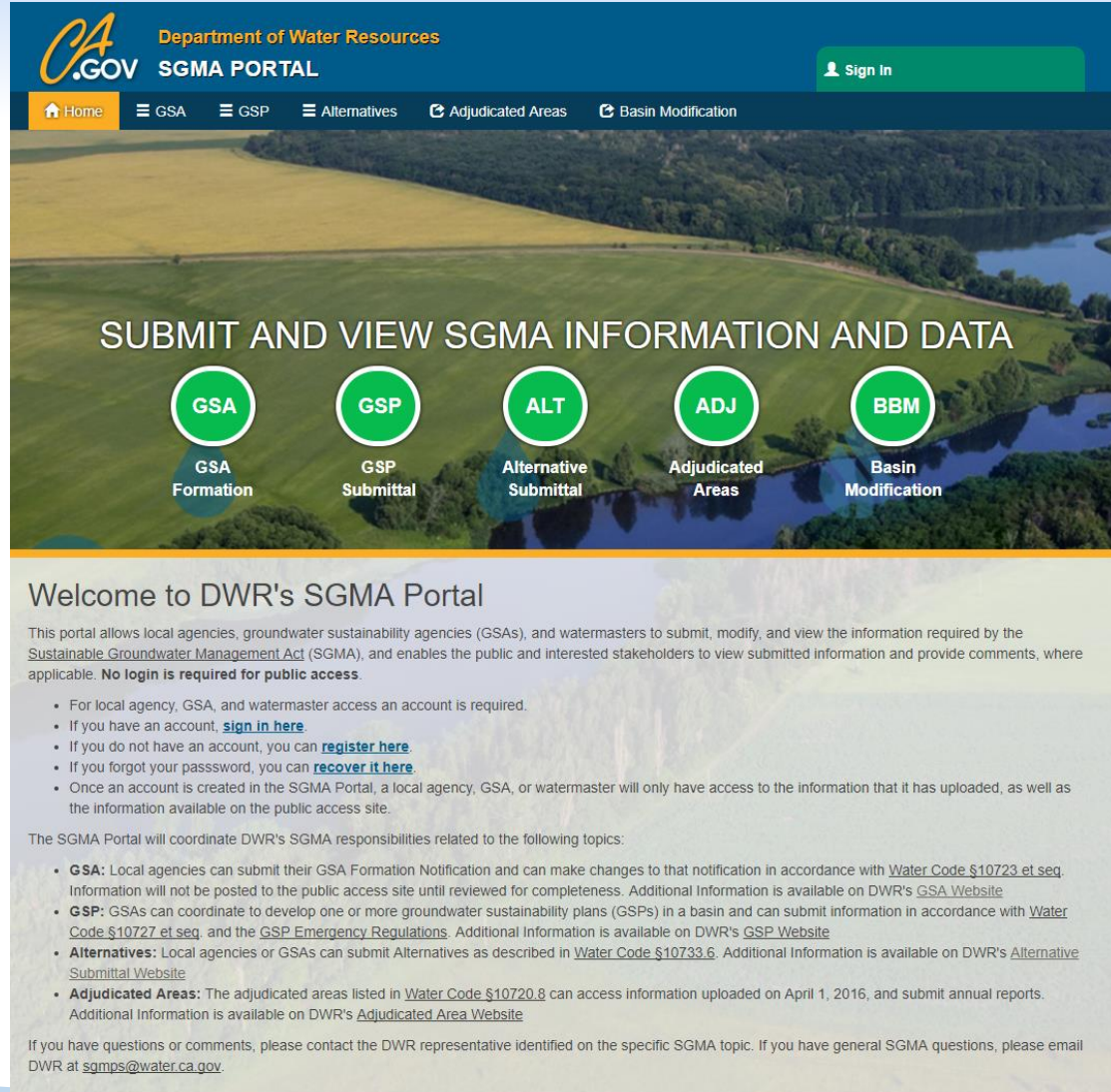
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SGMA Portal

<http://sgma.water.ca.gov/portal/>

- Local agency and stakeholder accessible single interface
- Provides access to submittals under SGMA
- Provides additional opportunity to comment
- Look for future improvements



The screenshot shows the SGMA Portal homepage. At the top, there is a blue header with the "CA.GOV" logo, "Department of Water Resources", and "SGMA PORTAL". A "Sign In" button is in the top right. Below the header is a navigation bar with links: Home, GSA, GSP, Alternatives, Adjudicated Areas, and Basin Modification. The main content area features a large green field with a river. Overlaid on this is the text "SUBMIT AND VIEW SGMA INFORMATION AND DATA" and five circular icons: GSA (GSA Formation), GSP (GSP Submittal), ALT (Alternative Submittal), ADJ (Adjudicated Areas), and BBM (Basin Modification). Below this is a "Welcome to DWR's SGMA Portal" section with a paragraph explaining the portal's purpose and a list of instructions for users. The bottom section, "The SGMA Portal will coordinate DWR's SGMA responsibilities related to the following topics:", lists details for GSA, GSP, Alternatives, and Adjudicated Areas. A footer note provides contact information for questions.

CA.GOV Department of Water Resources SGMA PORTAL Sign In

Home GSA GSP Alternatives Adjudicated Areas Basin Modification

SUBMIT AND VIEW SGMA INFORMATION AND DATA

GSA GSP ALT ADJ BBM
GSA Formation GSP Submittal Alternative Submittal Adjudicated Areas Basin Modification

Welcome to DWR's SGMA Portal

This portal allows local agencies, groundwater sustainability agencies (GSAs), and watermasters to submit, modify, and view the information required by the Sustainable Groundwater Management Act (SGMA), and enables the public and interested stakeholders to view submitted information and provide comments, where applicable. **No login is required for public access.**

- For local agency, GSA, and watermaster access an account is required.
- If you have an account, [sign in here](#).
- If you do not have an account, you can [register here](#).
- If you forgot your password, you can [recover it here](#).
- Once an account is created in the SGMA Portal, a local agency, GSA, or watermaster will only have access to the information that it has uploaded, as well as the information available on the public access site.

The SGMA Portal will coordinate DWR's SGMA responsibilities related to the following topics:

- **GSA:** Local agencies can submit their GSA Formation Notification and can make changes to that notification in accordance with [Water Code §10723 et seq](#). Information will not be posted to the public access site until reviewed for completeness. Additional information is available on DWR's [GSA Website](#).
- **GSP:** GSAs can coordinate to develop one or more groundwater sustainability plans (GSPs) in a basin and can submit information in accordance with [Water Code §10727 et seq](#), and the [GSP Emergency Regulations](#). Additional information is available on DWR's [GSP Website](#).
- **Alternatives:** Local agencies or GSAs can submit Alternatives as described in [Water Code §10733.6](#). Additional information is available on DWR's [Alternative Submittal Website](#).
- **Adjudicated Areas:** The adjudicated areas listed in [Water Code §10720.8](#) can access information uploaded on April 1, 2016, and submit annual reports. Additional information is available on DWR's [Adjudicated Area Website](#).

If you have questions or comments, please contact the DWR representative identified on the specific SGMA topic. If you have general SGMA questions, please email DWR at sgmps@water.ca.gov.

Next Steps

- Implement assistance programs
- Continued development of technical tools
- Engagement with the public and GSAs
- Support GSAs with GSP development
- Evaluation of Alternatives and GSPs
- Coordination with local and state agencies

Sustainable Groundwater Management Act (SGMA) Update



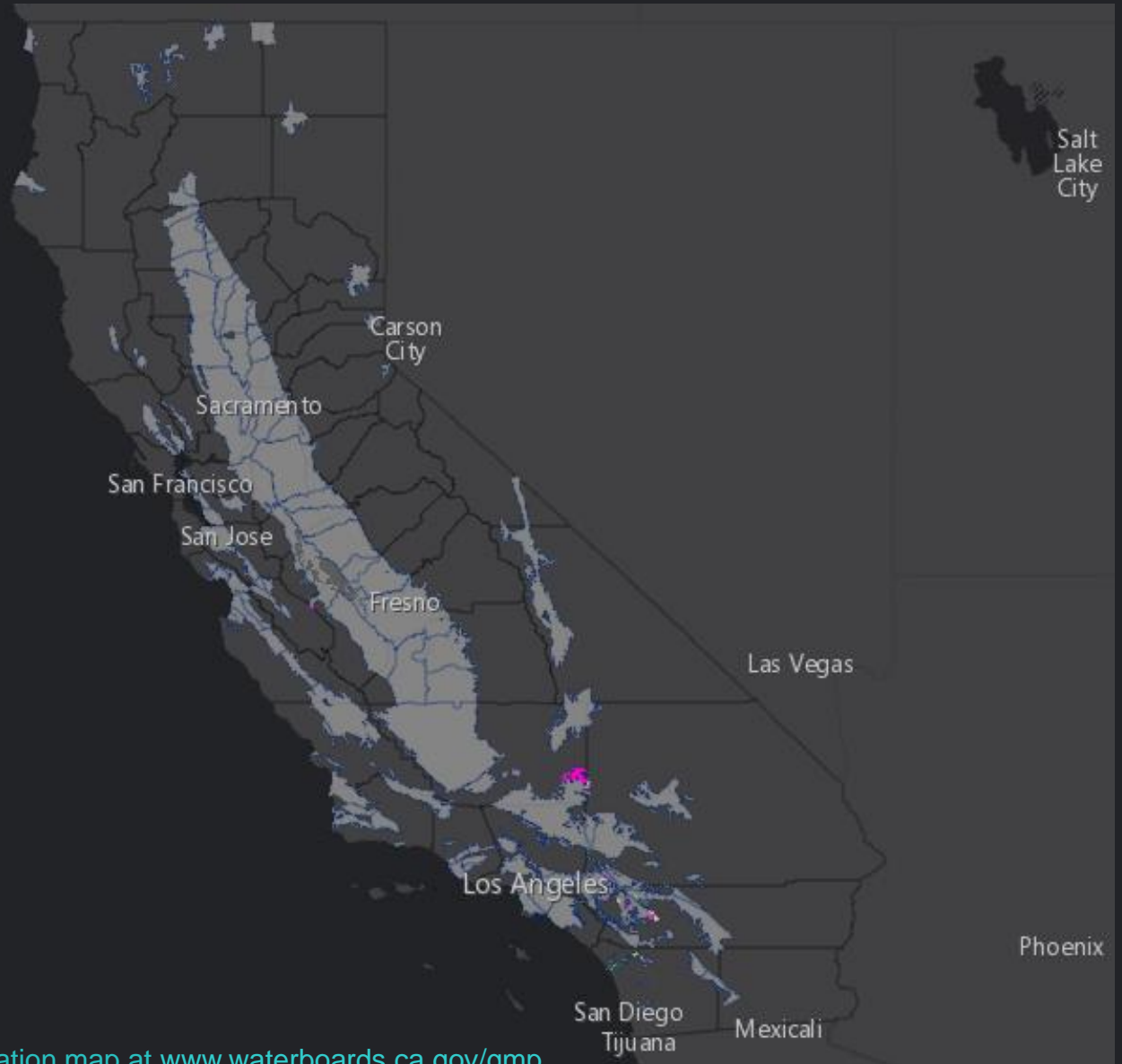
August 15, 2017

State Water Resources Control Board

99%

Managed

Unmanaged Area MAP

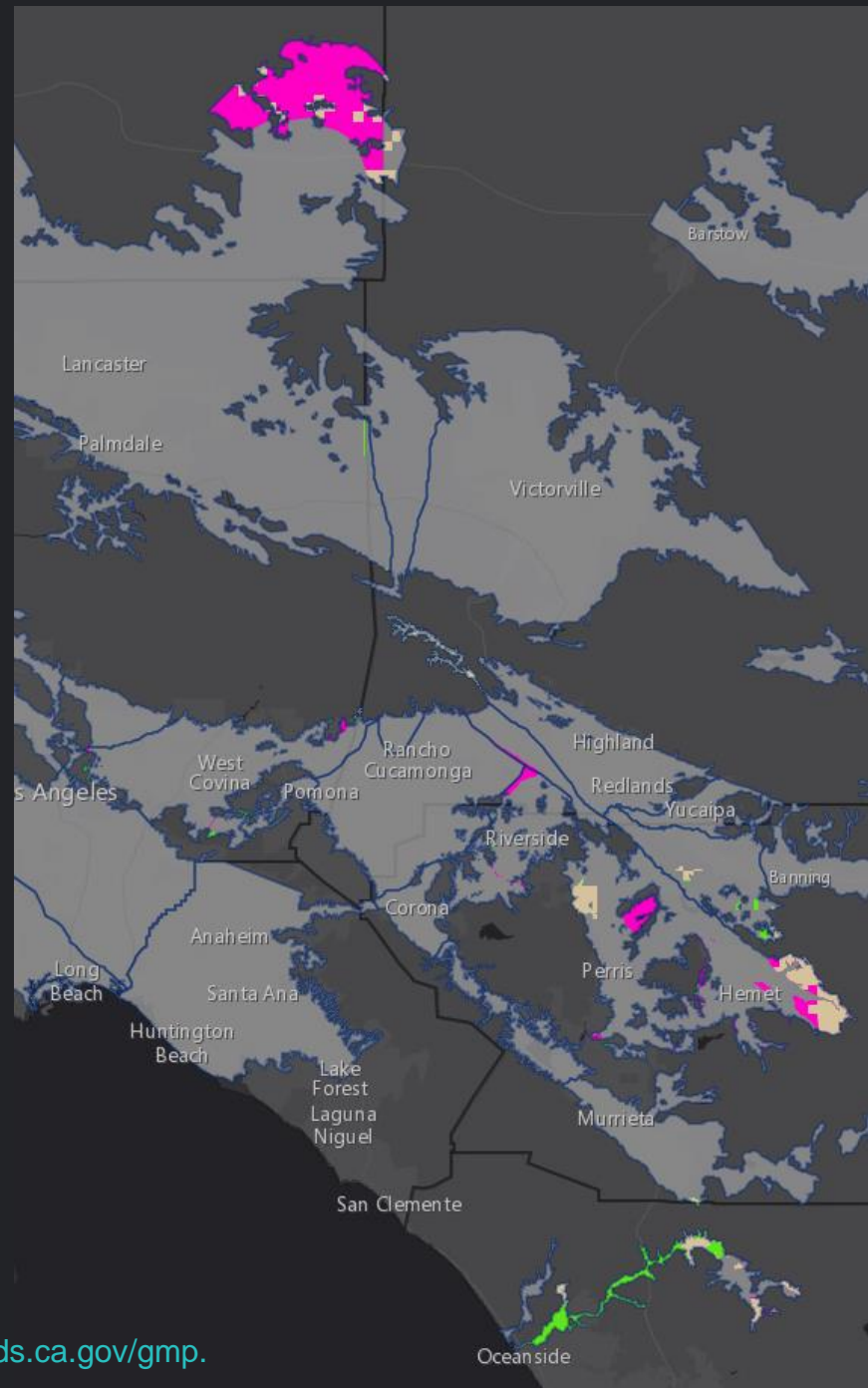


Access the unmanaged area identification map at www.waterboards.ca.gov/gmp.

Unmanaged Area REPORTING



12 basins
6 counties



Access the unmanaged area identification map at www.waterboards.ca.gov/gmp.

Unmanaged Area Process



IDENTIFY Extractors



Assessor's Parcel Numbers

Safe Drinking Water Information

Department of Pesticide Regulation

Groundwater Recordation Program

Well Completion Reports

Vegetation Index

Land Use Data

Extraction **REPORTS**

Reports are submitted annually.

Reports require...

- well location & capacity
- monthly extraction volumes
- place & purpose of use


Reports must be filed electronically.

Information on extraction reports is available at www.waterboards.ca.gov/water_issues/programs/gmp/reporting.shtml.

User Form

Page 2 of 3

EXTRACTOR CONTACT INFORMATION

 1. Name of Extractor

John Muir

2. If the extractor is a company, enter the contact person's
first and last name


3. Mailing Address (or P.O. Box)

4. City

5. State

California

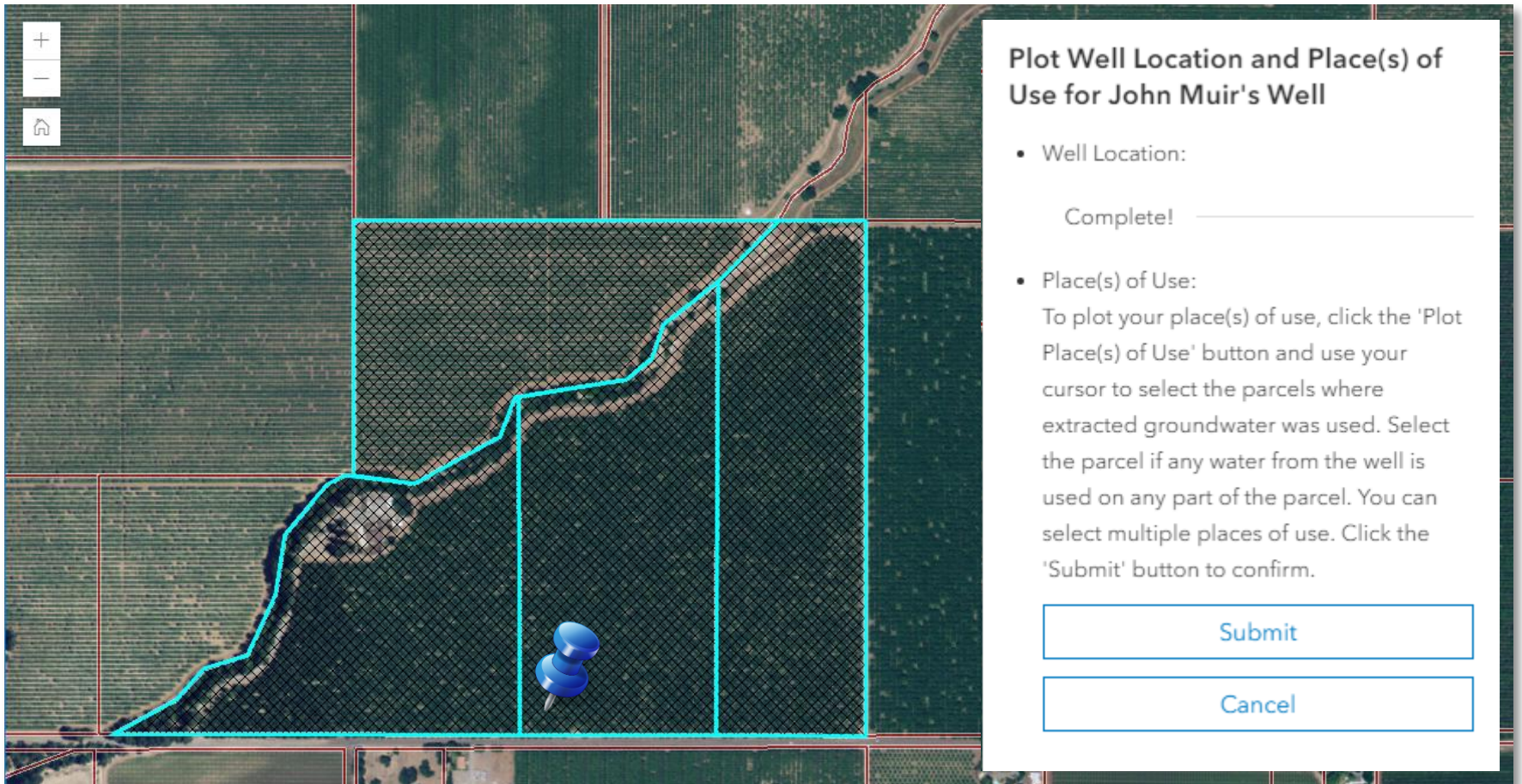
6. Zip Code

 7. Phone

8. Email

INTERACTIVE MAP

plots place and purpose of use



Extractor Reporting Process

1

Receive
notification



2

Create online
account & file
report by Dec. 15



!

Off ramp if
not required
to report

3

Receive invoice
& pay fees



EXIT



Unmanaged Area Timeline

2017 - 2018

Aug 18



Reporting
Notices Mailed

Sep 30



2017 Water
Year Ends

Oct 1



Reporting
Begins

Dec 15



Reports
Due

Dec 16



Report Review
Begins

Feb 15



Filing Fees
Due

Sustainable Groundwater Management Act (SGMA) Update



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